
Posted by [sashaua01](#) on Sat, 29 Jul 2023 13:39:55 GMT

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MODELS

|ID|NAME|ID_CURRENCY|.....|

PRICES

|ID|ID_MODEL|ID_PRICE|PRICE|ID_STATUS|ID_USER|

CURRENCY

|ID|NAME|SHORT_NAME|.....|

EXCHANGE_RATE

|ID|ID_CURRENCY|MIN_EXCHANGE_RATE|MAX_EXCHANGE_RATE|ID_STATUS|.....|

```
select a.ID id_model from MODELS a
join price c on c.id_model=a.ID and c.ID_PRICE=2 and c.ID_STATUS=1
join currency d on d.id=a.ID_CURRENCY
```

----- Performance info -----

Prepare time = 31ms

Execute time = 16ms

Avg fetch time = 0,53 ms

Current memory = 9 845 168

Max memory = 9 935 328

Memory buffers = 2 048

Reads from disk to cache = 0

Writes from cache to disk = 0
Fetches from cache = 77 134

```
select a.ID id_model from MODELS a
```

```
join EXCHANGE_RATE b on b.ID_CURRENCY=a.ID_CURRENCY and b.ID_STATUS=1  
join price c on c.id_model=a.ID and c.ID_PRICE=2 and c.ID_STATUS=1  
join currency d on d.id=b.ID_CURRENCY
```

----- Performance info -----

Prepare time = 31ms
Execute time = 1s 375ms
Avg fetch time = 45,83 ms
Current memory = 9 857 632
Max memory = 9 935 328
Memory buffers = 2 048
Reads from disk to cache = 0
Writes from cache to disk = 0
Fetches from cache = 12 399 373

FB 2.5.9

Posted by [shavluk](#) on Sat, 29 Jul 2023 14:33:31 GMT
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Posted by [sashaua01](#) on Sat, 29 Jul 2023 14:44:58 GMT
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Plan

PLAN JOIN (C INDEX (FK_PRICES_CURRENCY), A INDEX (PK_MODELS), D INDEX (PK_CURRENCY))

Plan

PLAN JOIN (C INDEX (FK_PRICES_CURRENCY), A INDEX (PK_MODELS), D INDEX (PK_CURRENCY), B INDEX (FK_EXCHANGE_RATE_CURRENCY))

Posted by [sim_84](#) on Sat, 29 Jul 2023 18:05:24 GMT

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Create index ibx_exchange_cur_status on exchange_rate(id_currency, is_status)

Posted by [sashaua01](#) on Sat, 29 Jul 2023 21:41:40 GMT

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